

VARIABLE STIFFNESS COIL FOR VASOOCCLUSIVE DEVICES

ABSTRACT OF THE DISCLOSURE

5 The variable stiffness vasoocclusive coil is given variable stiffness
along the length of the coil by selectively heat treating certain segments of a primary
or secondary coil. The primary coil can be selectively heat treated to form soft or
deformable segments along the length of the coil, and can then be shaped into a
secondary shape that is set by a heat treatment process. Distal regions of the coil can
also be heat treated to make the distal ends of the coil softer, more deformable, or less
10 traumatic.